This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Amended) A method for loading hierarchical data into a first relational table comprising:

identifying a first node within the hierarchical data corresponding to a first column in the first relational table and second node associated with the first node corresponding to data to be stored in a row of the first relational table at a location corresponding to the first column;

~~creating~~ storing the data in a record in a first buffer associated with the first relational table;

identifying a third node within the hierarchical data corresponding to a first column in a second relational table and fourth node associated with the third node corresponding to data to be stored in a row of the second relational table; and

copying the record from the first buffer to the first relational table.

2.   (Original) The method as recited in claim 1 wherein the relational table is part of a relational database.

3.   (Original) The method as recited in claim 1 wherein the hierarchical data is XML data.

4.   (Original) The method as recited in claim 1 wherein the hierarchical data is identified to correspond to a column in the relational table by way of a hierarchical schema.

5.   (Original) The method as recited in claim 1 wherein the data is stored in the record of the buffer associated with first table ~~is created~~ after determining that the parent node of the first node within the hierarchical data is associated with the first relational table.

6.   Canceled.

7.   (Amended) The method as recited in claim 5 further comprising storing a record in ~~creating~~ a second buffer corresponding to the second relational table when ~~a~~ the third node within the hierarchal data corresponds to a second relational table.

8.   (Amended) The method as recited in claim 7 further comprising:

~~creating a~~ storing the record in the second buffer associated with the second relational table when a child node of the third node indicates that the hierarchical data comprises data associated with a column in the second relational table; and

copying the record from the second buffer to the second relational table.

9.   (Original) The method as recited in claim 8 further comprising copying the record from the first buffer to the first relational table substantially in parallel to copying the record from the second buffer to the second relational table.

10.   (Original) The method recited in claim 9 wherein the first relational table has a relational relationship with the second relational table.

11.   (Original) The method as recited in claim 1 wherein the first buffer comprises a disk file.

12.   (Original) The method as recited in claim 1 wherein the hierarchical data comprises an XML document.

13.   Canceled.

14.   (Amended) A method for loading hierarchical data into at least two different relational tables, comprising:

receiving a schema describing a relationship of nodes in the hierarchical data to at least one column in each of the at least two different relational tables;

mapping the hierarchical data based on the schema and creating in a file records from the hierarchical data from nodes ~~associated~~ identified as data to be stored in the at least one column in each of the at least two different relational tables; and

streaming the records into the at least two different relational tables by inserting the records from the file into the at least two different relational tables.

15.   (Amended) The method as recited in claim 14 further comprising creating a buffer for each of the at least two relational tables wherein the records are stored before being streamed into the at least two different relational tables.

16.   (Canceled.)

17.   (Original) The method as recited in claim 14 wherein the hierarchical data is not size
constrained.

18.   (Original) The method as recited in claim 14 wherein the hierarchical data comprises
an XML document.

19.   (Original) The method as recited in claim 14 wherein the schema comprises an XML
schema.

20.   (Original) The method as recited in claim 14 wherein the at least two different tables
have a relational relationship.

21.   (Amended) The method as recited in claim ~~14~~ 20 wherein one of the at least one
columns is a key field in one of the at least two different tables and foreign key in the other
one of the at least two different tables, wherein the method further comprises populating
records associated with the at least two different tables with the data associates with the one
of the at least one columns.

22.   (Amended) The method as recited in claim 14 further comprising streaming the record
into the at least two different relational tables substantially in parallel.

23.   (Original) The method as recited in claim 14 wherein the schema is received by way
of a network connection.

24.   (Canceled.)

25.   (Amended) A system for loading hierarchical data into at least two different relational
tables, comprising:
        instructions for receiving a schema describing a relationship of nodes in the
hierarchical data to at least one column in each of the at least two different relational tables;

instructions for mapping the hierarchical data based on the schema and creating

records from the hierarchical data from nodes associated identified as data to be stored in the

at least one column in each of the at least two <u>different</u> relational tables; and

instructions for streaming the records into the at least two <u>different</u> relational tables <u>by</u>

<u>inserting the records into the at least two different relational tables</u>.

26.   (Amended) The system as recited in claim 25 further comprising instructions for

creating a buffer for each of the at least two <u>different</u> relational tables wherein the records are

stored before being streamed into the at least two <u>different</u> relational tables.

27.   (Original) The system as recited in claim 26 wherein the buffer comprises a file.

28.   (Original) The system as recited in claim 25 wherein the hierarchical data comprises

an XML document.

29.   (Original) The system as recited in claim 25 wherein the schema comprises an XML

schema.

30.   (Original) The system as recited in claim 25 wherein the at least two tables have a

relational relationship.

31.   (Original) The system as recited in claim 25 wherein one of the at least one columns

is a key field in one of the at least two tables and foreign key in the other one of the at least

two tables, wherein the system further comprises instructions for populating records

associated with the at least two tables with the data associates with the one of the at least one

columns.

32.   (Original) The system as recited in claim 25 further comprising instructions for

streaming the record into the at least two relational tables substantially in parallel.